

July 20, 2018

In re Application of

Silvus Technologies, Inc.
10990 Wilshire BLVD., Suite 1500
Los Angeles, California 90024

To operate in the 2360-2390MHz Telemetry Band and
4400-4940MHz Telemetry Band in New York, New York.

ATTN.: Microwave Branch

Silvus Technologies, Inc., hereby requests Special Temporary Authority (STA) to operate within the 2360-2390MHz telemetry band pursuant to Section 21.25 of the Commission's Rules. Silvus Technologies, Inc. requests that the Commission grant it temporary authority to operate on the frequencies centered at 2380MHz and 4440MHz with a 20MHz bandwidth from August 12, 2018 through August 18, 2018 with intermittent usage. As explained below, Silvus Technologies, Inc., is filing an STA request to demonstrate new microwave technologies in a MIMO configuration for the Rapid Reaction Technology Office for the Thunderstorm 18-2 Request for Information (RFI) in New York City. Silvus Technologies, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

The Georgia Tech Research Institute / Rapid Reaction Technology Office has invited Silvus Technologies, Inc., to demonstrate new microwave emission technologies utilizing a Tactical Electronics C.O.R.E. Camera System as a sensor. Due to the extreme frequency congestion in the New York area, coupled with the added congestion from traditional Television and News coverage of area events, Silvus Technologies, Inc., requests the use of this channel.

Silvus Technologies, Inc., certifies that the operation of the requested channels for the purposes specified herein will not cause interference to any established stations.

Grant of the instant request for STA for the 2.3GHz and 4.4GHz bands would serve the public interest by enabling Silvus Technologies, Inc., to demonstrate the reliability of their emission scheme as it relates to the Tactical Electronics C.O.R.E. Camera System in a wireless MIMO configuration. The proposed service would enable demonstration of the Streamcaster SC4200 transceiver / antenna array in a terrestrial / subterranean exercise. Silvus Technologies, Inc is in the process of obtaining the consent of the relevant frequency coordinators for this project, including AFTRCC. AFTRCC has indicated its intent to forward the results of the coordination to the Commission.

In accordance with Section 74.633 of the Commission's Rules, the following is provided:

Applicants Name:	Silvus Technologies, Inc.
Address:	10990 Wilshire BLVD., Suite 1500 Los Angeles, California 90024
Type and Manufacturer Of Equipment:	Streamcaster SC4200
Power Output:	2W
ERP:	4W
Emission:	20M00D7W
Frequency:	2380.0MHz, 20M00D7W @ 4W TERRESTRIAL 4440.0MHz, 20M00D7W @ 4W TERRESTRIAL

Area of Operation: 5Km
Coordinates: N 40 44 27.57
W 073 59 22.77
Antenna Height: 6' AGL
Antenna: 2dBi Omni
Antenna Gain: 2dBi
Dates of Operation: August 12, 2018 – August 18, 2018
(Intermittent Usage during these days)

Silvus Technologies, Inc., requests an STA to operate on the above-referenced frequency for a period not to exceed six months. No application for regular authorization will subsequently be filed.

Silvus Technologies, Inc., certifies that no party to the application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C § 853(a).

Should you have any questions regarding this matter, please contact, John Winch, by telephone 626 676 1470.

Respectfully submitted,

By: John Winch
Frequency Coordinator
cc: Wayne Morris, AFTRCC